PCT/JP03/03940

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C01B3/02, B01J3/08, C08J11/10, C10J3/00			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C01B3/02, B01J3/08, C08J11/10, C10J3/00			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Jitsuyo Shinan Toroku Koho 1996–2003			
Kokai Jitsuyo Shinan Koho 1971–2003 Toroku Jitsuyo Shinan Koho 1994–2003			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
WPI(DIALOG)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	JP 62-236892 A (Distrigaz S		2-5,9-12,
	16 October, 1987 (16.10.87), Full text		16,21-23
	& EP 240483 A1 & US	5 4813179 A	
Y	JP 50-122503 A (INSTITUT DE	RECHERCHES DE LA	2-5,9-12,
	SIDERURGIE FRANCAISE (IRSID) 26 September, 1975 (26.09.75		16,21-23
	Full text	''	
		E 2510080 A1	
	& GB 1467123 A		
A	JP 41-005724 B1 (Sun Oil Co. 29 March, 1966 (29.03.66),	-),	1-17,21-27
	Full text		
	(Family: none)	·	
		·	
Ī			·
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "T" later document published after the international filing date or document defining the general state of the art which is not priority date and not in conflict with the application but cited to			
consider	document defining the general state of the art which is not priority date and not in conflict with the application but cited to considered to be of particular relevance understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot		erlying the invention
date	date considered novel or cannot be considered to involve an inventive		
cited to establish the publication date of another citation or other special reason (as specified)		"Y" step when the document is taken alone document of particular relevance; the considered to involve an inventive step	laimed invention cannot be
"O" document referring to an oral disclosure, use, exhibition or other		combined with one or more other such combination being obvious to a person	documents, such
"P" document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed			
Date of the actual completion of the international search		Date of mailing of the international search report	
04 July, 2003 (04.07.03) 08 July, 2003 (08.07.03)			
Name and ma	ailing address of the ISA/	Authorized officer	
Japanese Patent Office			
Facsimile No.		Telephone No.	
Form PCT/ISA/210 (second sheet) (July 1998)			

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/03940

Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet) This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: Claims 1 to 7 and 21 to 23 relate to a hydrogen production method, claims 8 to 14 and 24 to 27 relate to a hydrogen production apparatus, and claims 15 to 17 relate to hydrogen supply facilities. whereas, claims 18 to 20 are characterized in a method for generating electric power, and accordingly, do not so linked with above groups of inventions as to form a single general inventive concept. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1 to 17 and 21 to 27 Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.